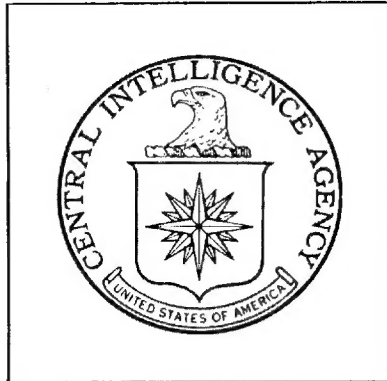


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**DIRECTORATE OF
INTELLIGENCE**

**Industrial Facilities
(Non-Military)**

Basic Imagery Interpretation Report

**Major Electric Power Plants
Fukien Province, China**

Top Secret

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RCS 13/0018/70
TCS 16491/70
DATE 11 MARCH 1970
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TCS - 16491/70
RCS - 15/0018/70

ABSTRACT

This report covers the five major power plants in Fukien Province, southeastern China. It updates the previous Basic Imagery Interpretation Briefs

[REDACTED]

When the Fu-chou Thermal Plant 2 was first observed on photography of [REDACTED] it contained a boilerhouse and generator hall building. By [REDACTED] the building contained two additional sections. The plant has three boilers, each with its own stack. There are two transformers in the switching yard, indicating that the plant has at least two generators. The plant was observed in operation only on photography of [REDACTED] when smoke was issuing from one of the three stacks. It was probably in operation previously, but the quality of the photography precluded the observation of any smoke or steam.

The San-ming Heat and Thermal Power Plant was first seen on photography of [REDACTED]. At that time a boilerhouse and generator hall building appeared to be complete. By [REDACTED] the building contained an additional section. The presence of three probable transformers in the switching yard indicates the plant probably has three generating units. Smoke was first seen issuing from the plant in [REDACTED] and again on subsequent coverage of [REDACTED] indicating that the plant was operating. No smoke or steam was seen in [REDACTED]

[REDACTED]

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INTRODUCTION

This report presents information on the current status of each of the three major hydro power plants in Fukien Province and describes any changes since the previous reports. In addition, a detailed analysis of the two major thermal power plants is presented.

The following list of the major power plants in Fukien Province is keyed to Figure 1.

1. Fu-chou (Foochow) Thermal Power Plant 2
3. Ku-tien Hydro Power Plant and Dam
4. Ku-tien Hydro Power Plant and Dam
5. San-ming Heat and Thermal Power Plant

Requirement

COMIREX NOI
Support Number 420221

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INSTALLATION OR ACTIVITY NAME				COUNTRY		
Fu-chou Thermal Power Plant 2				CH		
25X1A	UTM COORDINATES	GEOGRAPHIC COORDINATES		COMIREX NO.	NIETB NO.	
	50RQD331835	26-03-22N 119-19-15E		None	None	
MAP REFERENCE						
25X1C	USATC, Series 200, Sheet M0499-11HL, 3rd ed, Sep 66, Scale 1:200,000					
25X1C	(SECRET/No Foreign Dissem)					
LATEST IMAGERY USED			NEGATION DATE (if required)			
25X1D				NA		

BASIC DESCRIPTION

Fu-chou Thermal Power Plant 2 is in the southern part of Fu-chou. The plant occupies an irregularly shaped area 520 by 440 feet and is secured by a wall. It is road served.

The plant was first observed on photography of [REDACTED] At that time it contained a boilerhouse and generator hall building.

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Ku-tien Hydro Power Plant [REDACTED] and Dam*		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	[REDACTED]
50RPE765358*	26-31-42N 118-46-12E*	[REDACTED]
MAP REFERENCE		
[REDACTED] USATC, Series 200, Sheet M0498-10HL, 3rd ed, Apr 68, Scale 1:200,000 (SECRET/No Foreign Dissem [REDACTED])		
LATEST IMAGERY USED		NEGATION DATE (if required)
[REDACTED]		NA

*Action has been initiated to change the installation name to Ku-tien Hydro Power Plant [REDACTED] because the dam is about 3 nm north of the power plant. The UTM and geographic coordinates should be corrected to 50RPE761308 and 26-29-00N 118-46-00E, respectively.

BASIC DESCRIPTION

No changes have been observed at the Ku-tien Hydro Power Plant [REDACTED] since [REDACTED] the date of the latest photography used in the previous report.

No turbulence was seen in the tailrace in [REDACTED]. However, the quality of the photography may have precluded its observation.

REFERENCES

Imagery



Document

CIA. [REDACTED] Ku-tien Hydro Power Plant [REDACTED] November 1968, TCS 10275/68
(TOP SECRET RUFF)

INSTALLATION OR ACTIVITY NAME		COUNTRY
25X1B	Ku-tien Hydro Power Plant [REDACTED] and Dam CH	
25X1A	UTM COORDINATES 50RPE762285	GEOGRAPHIC COORDINATES 26-27-40N 118-46-00E [REDACTED]
MAP REFERENCE		
25X1C	[REDACTED] USATC, Series 200, Sheet M0498-10HL, 3rd ed. Apr 68. Scale 1:200,000	
25X1C	[REDACTED] (SECRET/No Foreign Dissem [REDACTED])	
LATEST IMAGERY USED		NEGATION DATE (if required)
25X1D	[REDACTED]	NA

BASIC DESCRIPTION

25X1B No changes have been observed at the Ku-tien Hydro Power Plant [REDACTED] and Dam
25X1D since [REDACTED] the date of the latest photography used in the previous report.
25X1D No turbulence was seen in the tailrace in [REDACTED]. However, the
quality of the photography may have precluded its observation.

REFERENCES

Imagery


25X1D [REDACTED]

Document

25X1A CIA. [REDACTED] Ku-tien Hydro Power Plant [REDACTED] September 1968, TCS 10276/68
25X1B (TOP SECRET RUFF)



FIGURE 3. SAN-MING HEAT AND THERMAL POWER PLANT, [REDACTED]

Key To Annotations		
Item	Description	Dimensions (ft)*
1	Switching Yard	<div>110 x 65</div> 
2	Boilerhouse	
3	Generator Hall	
4	Pumphouse	
5	Coal Preparation and Storage Building	
*Dimensions are approximate.		

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INSTALLATION OR ACTIVITY NAME			COUNTRY	
San-ming Heat and Thermal Power Plant			CH	
UTM COORDINATES	GEOGRAPHIC COORDINATES		COMIREX NO.	NIETB NO.
50RNE615042	26-15-19N 117-36-58E		None	None
MAP REFERENCE				
USATC, Series 200, Sheet M0498-14HL, 3rd ed, Dec 67, Scale 1:200,000 (SECRET/No Foreign Dissem)				
LATEST IMAGERY USED		NEGATION DATE (If required)		
		NA		

BASIC DESCRIPTION

The San-ming Heat and Thermal Power Plant furnishes heat to the adjacent San-ming Iron and Steel Plant. No security measures are observed at the power plant. It is road and rail served.

When the plant was first observed on photography, in a boilerhouse and generator hall building appeared to be complete, but other portions of the plant were still under construction. By the switching yard and coal conveyor from the coal storage facility to the boilerhouse were completed. By a section had been added to the boilerhouse and generator hall building and one additional boiler and generator unit were probably installed. In three probable transformers were observed in the switching yard, indicating that there were probably three generating units in the generator hall.

Smoke was first observed issuing from the stack in and again on subsequent coverage of indicating that the plant was in operation. No smoke or steam was observed in

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